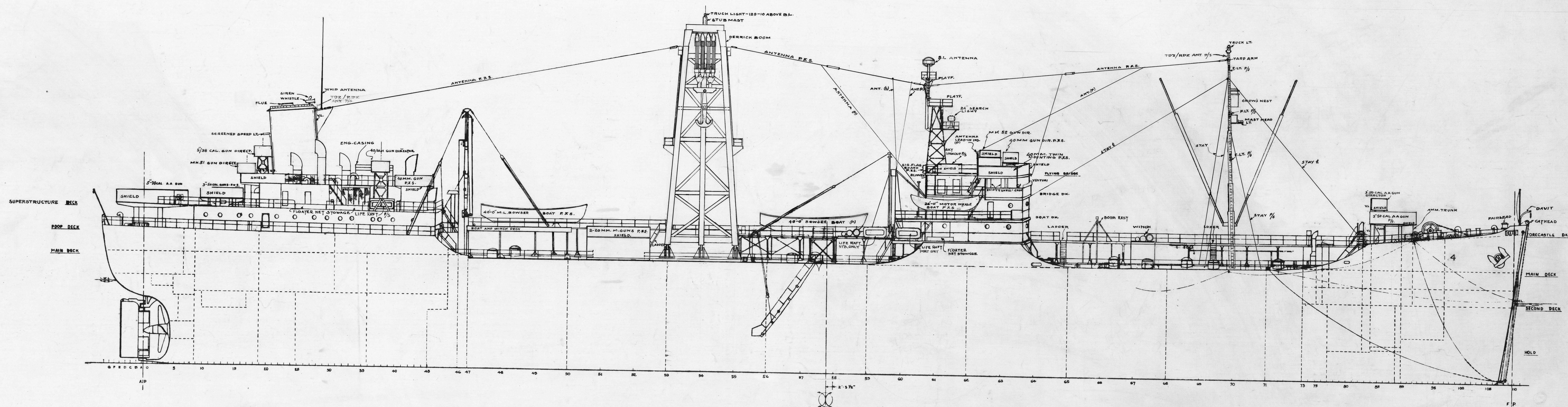


OFFICIAL PHOTOGRAPH
NOT TO BE RELEASED
FOR PUBLICATION
NAVY YARD MARE ISLAND, CALIF.

RESTRICTED



1269-45 (AW4).
BROADSIDE, PORT. ALTERATIONS CIRCLED ON
M.I. PHOTOS NO. 1322-45 TO 1326-45 INC.
MARE ISLAND, CAL. 18 FEBRUARY 1945.



UNCLASSIFIED

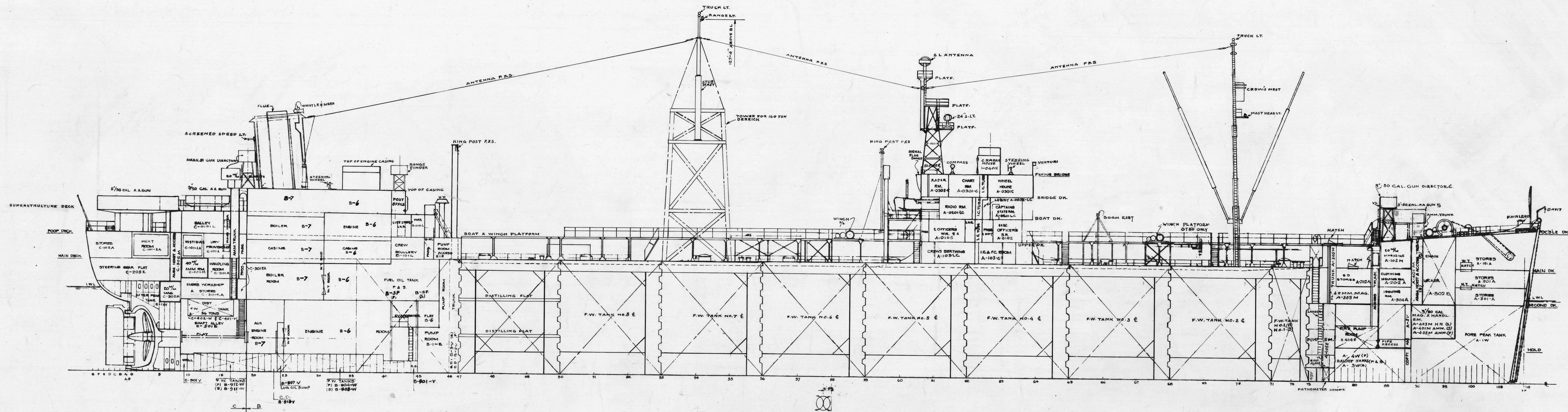
U.S.S. AW4

BOOKLET OF GENERAL PLANS

NUMBER	ORDER OF PLANS
1	TITLE SHEET
2	GENERAL DIMENSIONS AND DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	BOAT DECK: GUN PLATE; CASING TOP; SUPERSTRUCTURE DK; BRIDGE DECK.
6	POOP DECK; BOAT PLATE; FORECASTLE DECK; UPPER DK.
7	MAIN DECK
8	FLATS-FWD. & AFT
9	SECOND DECK
10	HOLD & INNER BOTTOM

CORRECTED TO SUIT SHIP		
PLACE	DATE	APPROVED
PHILADELPHIA NAVAL SHIPYARD	JAN. 5, 1943.	<i>J. H. Anderson</i>

INDUSTRIAL DEPARTMENT NAVY YARD, MARE ISLAND, CALIF.		
DRAWN BY: J.P.	SCALE: 1/8" = 1 FOOT	
TRACED BY: R	DATE: MARCH - 1943	
CHECKED BY: <i>A. J. Roe</i>	APPROVED: <i>J. H. Anderson</i>	
SUPERVISOR: <i>W. H. Thomas</i>	FOR MANAGER	
PRIN. NAV. ARCH: <i>W. H. Thomas</i>		
BUREAU OF SHIPS NUMBER 156166		
AW4	50103	156166



U.S.S. AW4
INBOARD PROFILE
SCALE 1/8" = 1'-0"
SHEET 4 OF 10 SHEETS
BU. SHIPS NO. AW4-50103-156166

GENERAL DIMENSIONS

LENGTH OVERALL	523'-6"
LENGTH BETWEEN PERPENDICULARS	503'-0"
BREADTH MOLDED	68'-0"
DEPTH MOLDED TO MAIN DECK	39'-3"
DRAFT MOLDED	30'-2"
DISPLACEMENT (AT 30'-2" DRAFT)	21,880 TONS
SHAFT HORSE POWER	10,000 SHP
FUEL OIL CAPACITY (INCLUDING DEEP TANK FORD)	1,366 TONS
DAILY FUEL OIL CONSUMPTION AT 16 KNOTS	84 TONS
CRUISING RADIUS	6,260 MILES
DISTANCE BETWEEN MASTS	203'-6" C.C.

HEIGHTS ABOVE BASE LINE

MAIN DECK	48'-9" AT C
UPPER DECK	48'-9" AT C
FORECASTLE DECK	50'-8 1/2" AT C
POOP DECK	48'-9" AT C
BOAT DECK	56'-9" AT C
BRIDGE DECK	64'-9" AT C
FLYING BRIDGE	72'-9" AT C

MAST HEIGHTS (HIGHEST FIXED POINT)	124'-0"
RADAR PLATFORM	100'-9"
SIGNAL YARD	120'-6"

MAST HEAD LIGHT (BASE)	97'-0"
SEARCH LIGHT 24" (E)	92'-9"
TRUCK LIGHT (FOREMAST BASE)	125'-0"
TOP OF TRUCK LT. ON STUB MAST ON DERRICK	129'-10"
SPEED LIGHT (BASE) (ABT)	84'-2"
RANGE LIGHT (BASE)	127'-4"

DATA COMPLEMENT

SHIP'S OFFICERS	14
CHIEF PETTY OFFICERS	12
CREW	189
TOTAL	215

ARMAMENT

MAIN BATTERY	1-5"-38 CAL. A.A. GUN
ANTI-AIRCRAFT	4-3"-50 CAL. GUNS
ANTI-AIRCRAFT	4-40 MM. TWIN MACH GUNS
ANTI-AIRCRAFT	8-20 MM. MACH GUNS

SMALL BOATS

6-25 PERS. LIFE RAFTS	150
3-40' BWSR. BOATS	270
2-26' MTR. WHALE BOAT	44
3-25 PERS. LIFE NETS	75

TOTAL 539

FIRE PLUGS

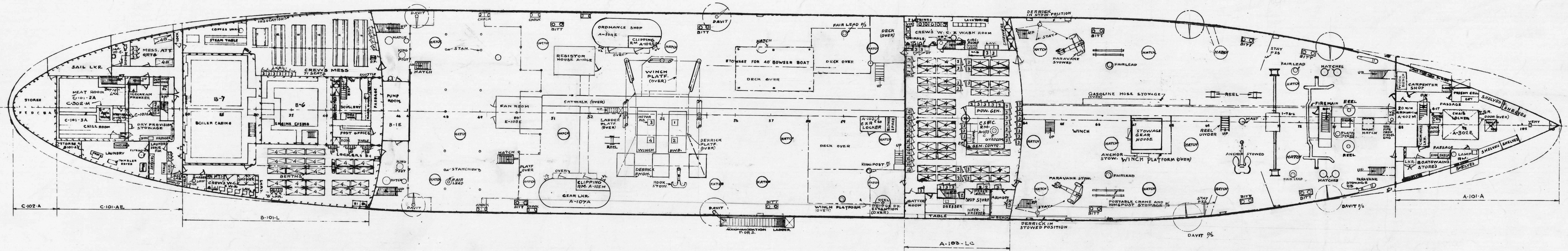
DECK	FR.	SIDE
MAIN DECK	AFT. FR. 13	PORT
"	FR. 30 1/2	PORT
"	FR. 30 1/2	STBD
"	FR. 47	PORT
"	FWD. FR. 53	"
"	FR. 60 1/2	"
"	FWD. FR. 64	"
"	AFT. FR. 64	"
"	AFT. FR. 69	"
"	AFT. FR. 85	"
"	FWD. FR. 90	"
"	AFT. FR. 19	"
"	FR. 30 1/2	"
BOAT DECK	AFT. FR. 61	STBD
BRIDGE DECK	AFT. FR. 61	PORT
POOP DECK	FR. 8	"
UPPER DECK	AFT. FR. 35	STBD
FORECASTLE DECK	AFT. FR. 35	PORT
FORD FLAT	FWD. FR. 89	"
ENGINE ROOM	FWD. FR. 89	PORT
ENGINE ROOM	FWD. FR. 8	"
BOILER ROOM	AFT. FR. 2	"
"	FR. 1	"

OFFICER'S ACCOMODATIONS.

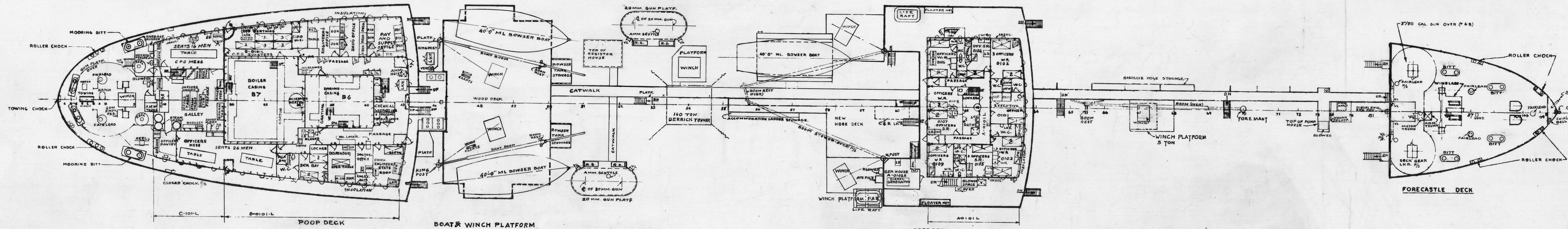
DECK	NO OF STATEROOMS.	CABIN OFFICERS	WARDROOM OFFICERS	WARRANT OFFICERS
BOAT		1		
UPPER	SINGLE	1	1	
	DOUBLE	5	10	
	TRIPLE	3	9	
POOP	SINGLE	1	1	
TOTALS		1	21	

ENLISTED PERSONNEL BERTHING.

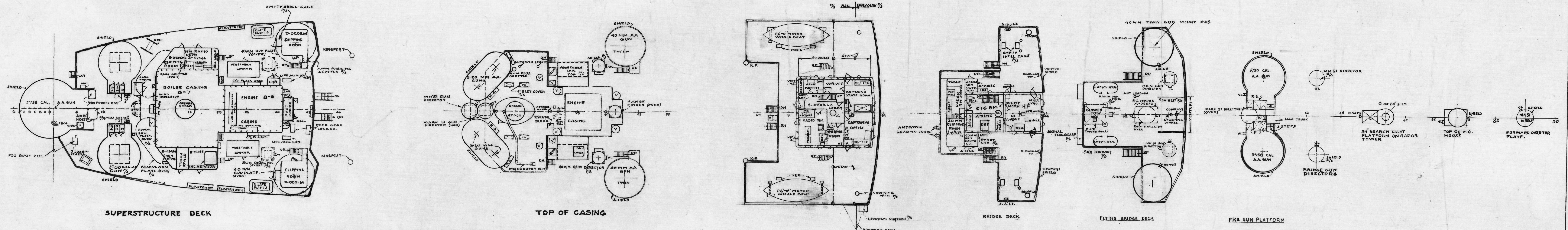
DECK	BERTHS	HAMMOCKS	PEACOCK STOWAGE	LOCKERS	TRANSOM
POOP	15		28	16	6
MAIN	240			252	
TOTALS	255		28	268	6



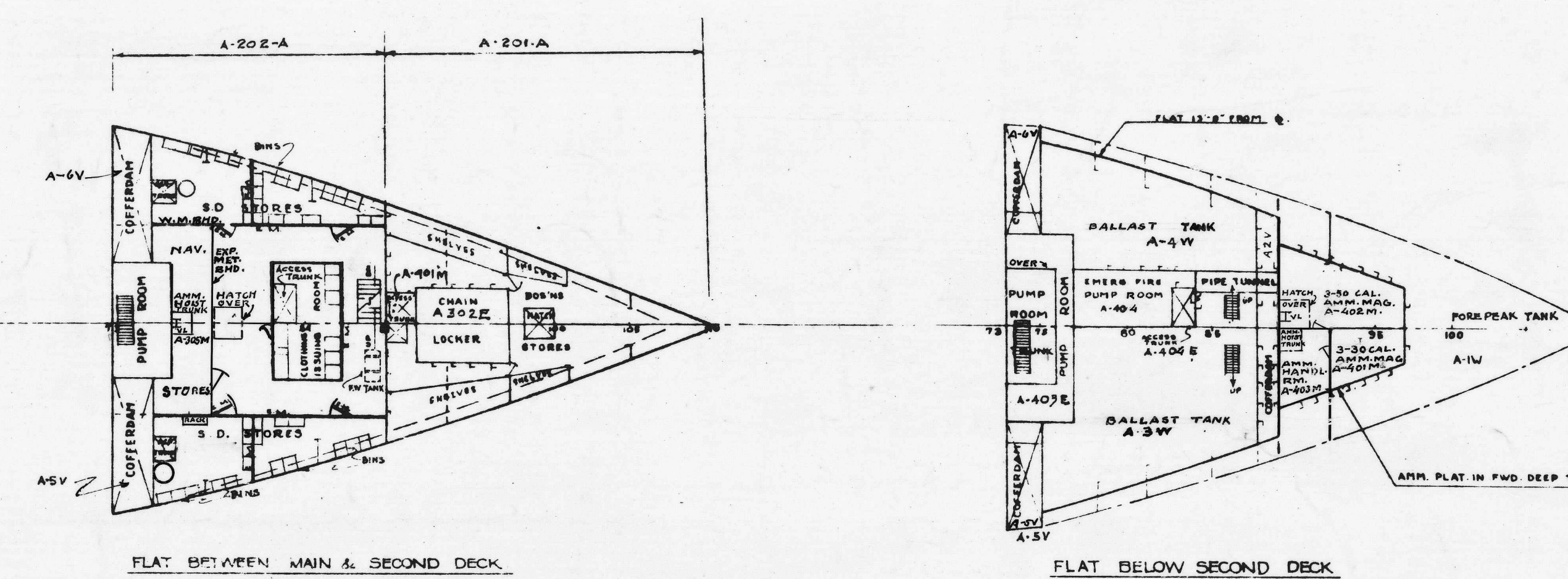
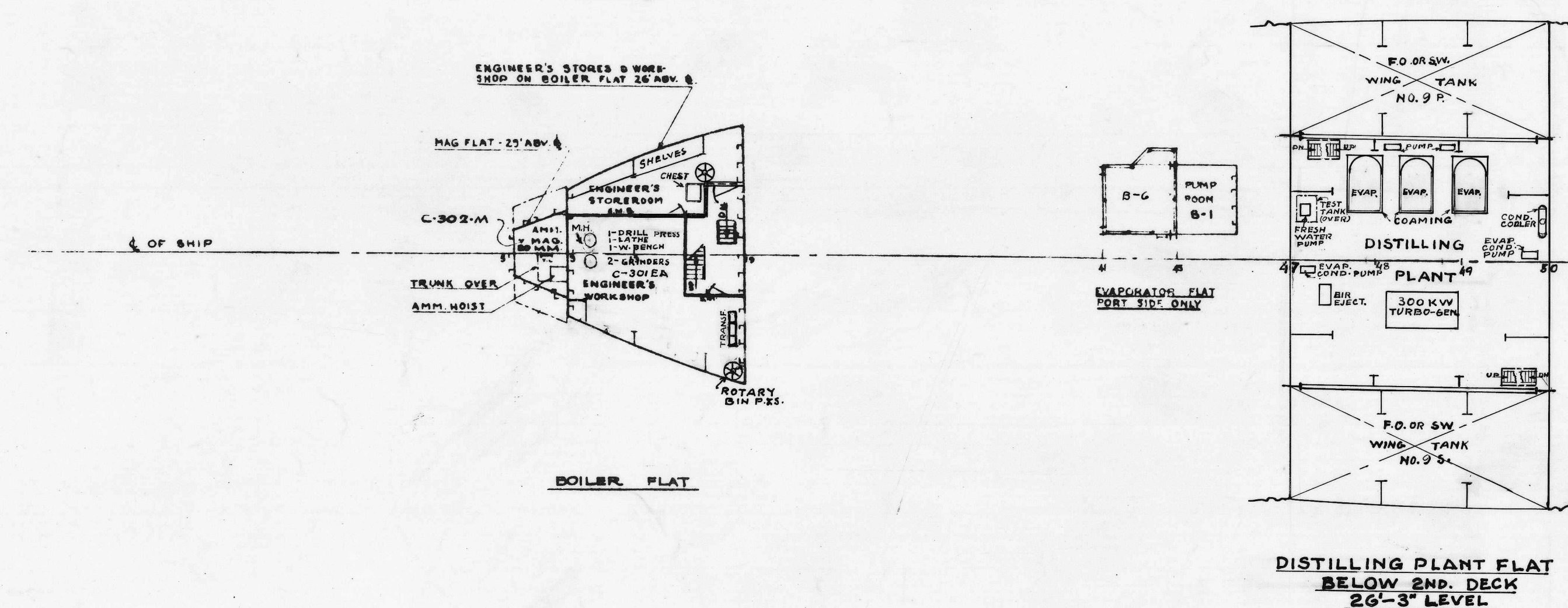
U.S.S. AW4
MAIN DECK
SCALE 1/4"=1'-0"
SHEET 7 OF 10 SHEETS
BU. SHIPS NO. AW4-50103-154166



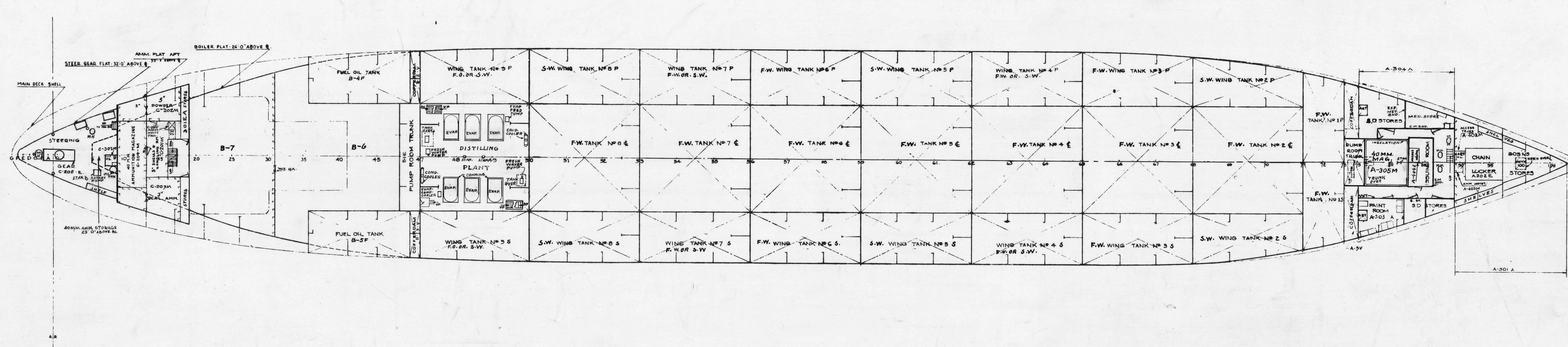
U.S.S. AW4
POOP DK.; BOAT DK.; UPPER DK.; & FORECASTLE
SCALE 1/4"=1'-0"
SHEET 8 OF 10 SHEETS
BU. SHIPS NO. AW4-50103-154166



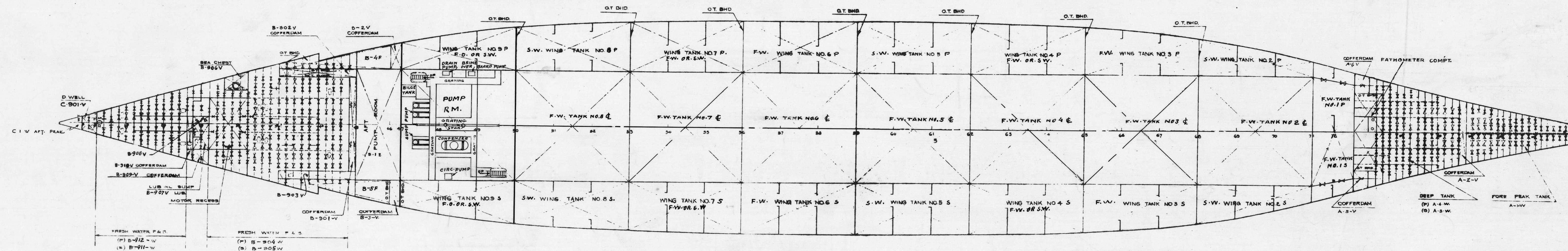
U.S.S. AW4
BOAT DK. GUN PLATFORMS, CASING TOP
SUPERST. DK., & BRIDGE DECKS
SCALE 1/4"=1'-0"
SHEET 9 OF 10 SHEETS
BU. SHIPS NO. AW4-50103-154166



U.S.S. AW4
FLATS- FORD & AFI.
SCALE: 1/16" = 1' - 0"
SHEET 8 OF 10 SHEETS
BU. SHIPS NO. AW4-50103-156166



U.S.S. AW4
SECOND DECK
SCALE 1/16" = 1' - 0"
SHEET 9 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166



U.S.S. AW4
HOLD & INNER BOTTOM
SCALE 1/16" = 1'-0"
SHEET 10 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166